

Top Cross Section: Double Loose SECVTX Tag ($\int \mathcal{L} dt = 1.9 \text{ fb}^{-1}$)

Sample	2 Jets	3 Jets	4 Jets	≥ 5 Jets
WW	0.5 ± 0.1	0.5 ± 0.1	0.2 ± 0.0	0.1 ± 0.0
WZ	2.6 ± 0.3	0.8 ± 0.1	0.2 ± 0.0	0.0 ± 0.0
ZZ	0.1 ± 0.0	0.0 ± 0.0	0.0 ± 0.0	0.0 ± 0.0
Single Top (s)	8.4 ± 1.2	2.8 ± 0.4	0.7 ± 0.1	0.1 ± 0.0
Single Top (t)	2.0 ± 0.3	1.8 ± 0.2	0.5 ± 0.1	0.1 ± 0.0
Z+LF	1.1 ± 0.2	0.7 ± 0.1	0.2 ± 0.0	0.1 ± 0.0
$Wb\bar{b}$	33.9 ± 13.3	10.6 ± 4.3	2.0 ± 0.9	0.5 ± 0.2
$Wc\bar{c}/Wc$	6.1 ± 2.5	2.7 ± 1.1	0.7 ± 0.3	0.2 ± 0.1
Mistags	4.3 ± 1.0	2.6 ± 0.7	0.7 ± 0.2	0.2 ± 0.1
Non- W	2.7 ± 1.9	0.8 ± 1.5	0.5 ± 1.5	0.2 ± 1.5
Total Background	61.6 ± 16.6	23.4 ± 7.3	5.7 ± 3.3	1.4 ± 1.7
SM $t\bar{t}$ (8.8 pb)	32.9 ± 5.2	90.2 ± 14.1	113.7 ± 17.6	41.1 ± 6.3
Total Prediction	94.5 ± 17.4	113.6 ± 15.9	119.4 ± 17.9	42.5 ± 6.5
Observed	107.0	118.0	115.0	44.0